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Terms	Documents
L3 and rule$2 adj engine	33

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Search: L4

Refine Search | Recall Text | Clear | Interrupt

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DATE: Monday, October 11, 2004 Printable Copy Create Case

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L4	L3 and rule$2 adj engine	33	L4
L3	L1 and template and rule$2 and task$2	121	L3
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L1	706/45-47.ccls.	1174	L1

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Search Results - Record(s) 1 through 33 of 33 returned.

☐ 1. Document ID: US 20030084015 A1

Using default format because multiple data bases are involved.

L4: Entry 1 of 33 File: PGPB May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030084015
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030084015 A1

TITLE: Interactive simulations utilizing a remote knowledge base

PUBLICATION-DATE: May 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Beams, Brian R.	Agoure Hills	CA	US	
Harris, Scott B.	Elgin	IL	US	

US-CL-CURRENT: 706/47; 706/46

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 2. Document ID: US 20020069189 A1

L4: Entry 2 of 33 File: PGPB Jun 6, 2002

PGPUB-DOCUMENT-NUMBER: 20020069189
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020069189 A1

TITLE: GOAL BASED EDUCATIONAL SYSTEM WITH PERSONALIZED COACHING

PUBLICATION-DATE: June 6, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bertrand, Benoit Patrick	Quebec	CT	CA	
Zorba, Alexander	Middletown	MA	US	
Conant, Jonathan Christian	Worcester		US	

US-CL-CURRENT: 706/45

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 3. Document ID: US 20010016839 A1

L4: Entry 3 of 33 File: PGPB Aug 23, 2001

PGPUB-DOCUMENT-NUMBER: 20010016839
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010016839 A1

TITLE: SYSTEM, METHOD AND ARTICLE OF MANUFACTURING FOR A RUNTIME PROGRAM ANALYSIS TOOL FOR A SIMULATION ENGINE

PUBLICATION-DATE: August 23, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
NICHOLS, MARK STEWART	DOWNERS GROVE	IL	US	

US-CL-CURRENT: 706/45

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 4. Document ID: US 6782374 B2

L4: Entry 4 of 33 File: USPT Aug 24, 2004

US-PAT-NO: 6782374
DOCUMENT-IDENTIFIER: US 6782374 B2

TITLE: System, method and article of manufacturing for a runtime program analysis tool for a simulation engine

DATE-ISSUED: August 24, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nichols; Mark Stewart	Downers Grove	IL		

US-CL-CURRENT: 706/45; 706/15

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 5. Document ID: US 6775658 B1

L4: Entry 5 of 33 File: USPT Aug 10, 2004

US-PAT-NO: 6775658
DOCUMENT-IDENTIFIER: US 6775658 B1

TITLE: Notification by business rule trigger control

DATE-ISSUED: August 10, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zothner; Eric R.	Apex	NC		

US-CL-CURRENT: 706/47; 705/28, 705/412, 707/100, 709/202, 709/203

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 6. Document ID: US 6745170 B2

L4: Entry 6 of 33 File: USPT Jun 1, 2004

US-PAT-NO: 6745170
DOCUMENT-IDENTIFIER: US 6745170 B2

TITLE: Goal based educational system with support for dynamic characteristic tuning

DATE-ISSUED: June 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bertrand; Benoit Patrick	Brossard			CA
O'Connor; Martha Torrey	Pennington	NJ		
Rosenfeld; Eren Tolga	New York	NY		

US-CL-CURRENT: 706/45; 434/362

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 7. Document ID: US 6658398 B1

L4: Entry 7 of 33 File: USPT Dec 2, 2003

US-PAT-NO: 6658398
DOCUMENT-IDENTIFIER: US 6658398 B1
**** See image for Certificate of Correction ****

TITLE: Goal based educational system utilizing a remediation object

DATE-ISSUED: December 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bertrand; Benoit Patrick	Brossard			CA
Zorba; Alexander	Middletown	CT		
Conant; Jonathan Christian	Worcester	MA		

US-CL-CURRENT: 706/47; 706/45, 706/46

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC

☐ 8. Document ID: US 6615198 B1

L4: Entry 8 of 33 File: USPT Sep 2, 2003

US-PAT-NO: 6615198
DOCUMENT-IDENTIFIER: US 6615198 B1
**** See image for Certificate of Correction ****

TITLE: System and method for creating performance solution tools and performance solutions

DATE-ISSUED: September 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Aldrich; Daniel J.	Countryside	KS		

US-CL-CURRENT: 706/47; 706/45, 706/46

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC

☐ 9. Document ID: US 6542880 B2

L4: Entry 9 of 33 File: USPT Apr 1, 2003

US-PAT-NO: 6542880
DOCUMENT-IDENTIFIER: US 6542880 B2

TITLE: System, method and article of manufacture for a goal based system utilizing a table based architecture

DATE-ISSUED: April 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rosenfeld; Eren Tolga	New York	NY		
Bassey; Ekpedeme Mfon	Chicago	IL		
Zadik; Beth Elyse	Chicago	IL		
O'Connor; Martha Torrey	Verona	NJ		
Poon; Alexander Han Leung	Wolcott	CT		
Lannert; Eric Jeffrey	Chicago	IL		
Solomon; Tracey Andrea	Nepean			CA
Conant; Jonathan Christian	Worcester	MA		
Zorba; Alexander	Middletown	CT		
Puccio; Carl Michael	Elk Grove Village	IL		
Gobran; Timothy John	Natick	MA		

Gilchrist; James Andrew	Charlestown	MA
Nichols; Mark Stewart	Downers Grove	IL
Fleisher; Brandon Denning	Littleton	CO
Friedman; Craig William	Naugatuck	CT
Lipede; Adebisi Detoro	Boston	MA
Bailey; Matthew Allen	Palatine	IL

US-CL-CURRENT: 706/45; 706/47

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw De

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☐ 10. Document ID: US 6535861 B1

L4: Entry 10 of 33 File: USPT Mar 18, 2003

US-PAT-NO: 6535861
DOCUMENT-IDENTIFIER: US 6535861 B1

TITLE: Goal based educational system with support for dynamic characteristics tuning using a spread sheet object

DATE-ISSUED: March 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
O'Connor; Martha Torrey	Verona	NJ		
Rosenfeld; Eren Tolga	New York	NY		

US-CL-CURRENT: 706/11; 434/107, 434/322, 434/327, 706/45, 706/46, 706/47, 706/60

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw De

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☐ 11. Document ID: US 6529954 B1

L4: Entry 11 of 33 File: USPT Mar 4, 2003

US-PAT-NO: 6529954
DOCUMENT-IDENTIFIER: US 6529954 B1

TITLE: Knowledge based expert analysis system

DATE-ISSUED: March 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cookmeyer, II; Eugene N.	Apex	NC		
Bruni; Michelle Lee-Farris	Willow Springs	NC		
Kern, III; John W.	Raleigh	NC		

US-CL-CURRENT: 709/224; 706/47, 706/60, 714/47

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 12. Document ID: US 6493690 B2

L4: Entry 12 of 33 File: USPT Dec 10, 2002

US-PAT-NO: 6493690
DOCUMENT-IDENTIFIER: US 6493690 B2

TITLE: Goal based educational system with personalized coaching

DATE-ISSUED: December 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bertrand; Benoit Patrick	Brossard			CA
Zorba; Alexander	Middletown	CT		
Conant; Jonathan Christian	Worcester	MA		

US-CL-CURRENT: 706/45; 706/25, 706/60

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 13. Document ID: US 6134539 A

L4: Entry 13 of 33 File: USPT Oct 17, 2000

US-PAT-NO: 6134539
DOCUMENT-IDENTIFIER: US 6134539 A

TITLE: System, method and article of manufacture for a goal based education and reporting system

DATE-ISSUED: October 17, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
O'Connor; Martha Torrey	Verona	NJ		
Bertrand; Benoit Patrick	Brossard			CA
Rosenfeld; Eren Tolga	New York	NY		

US-CL-CURRENT: 706/45; 706/11, 706/47

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 14. Document ID: US 6125358 A

L4: Entry 14 of 33 File: USPT Sep 26, 2000

US-PAT-NO: 6125358
DOCUMENT-IDENTIFIER: US 6125358 A

TITLE: System, method and article of manufacture for a simulation system for goal based education of a plurality of students

DATE-ISSUED: September 26, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hubbell; John Reader	Evanston	IL		
Nichols; Mark Stewart	Downers Grove	IL		

US-CL-CURRENT: 706/11; 434/307R, 434/322, 706/46, 706/47, 706/60, 706/925

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

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☐ 15. Document ID: US 6101489 A

L4: Entry 15 of 33 File: USPT Aug 8, 2000

US-PAT-NO: 6101489
DOCUMENT-IDENTIFIER: US 6101489 A

TITLE: System, method and article of manufacture for a goal based system utilizing a time based model

DATE-ISSUED: August 8, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lannert; Eric Jeffrey	Chicago	IL		
Gobran; Timothy John	Natick	MA		
Smith; Karen Therese	Chicago	IL		
Willow; Michael James	Wheeling	IL		
Conant; Jonathan Christian	Worcester	MA		
Murphy; Scott Michael	Stratford	CT		

US-CL-CURRENT: 706/45; 345/708, 706/47

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

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☐ 16. Document ID: US 6085184 A

L4: Entry 16 of 33 File: USPT Jul 4, 2000

US-PAT-NO: 6085184
DOCUMENT-IDENTIFIER: US 6085184 A

TITLE: System, method and article of manufacture for a dynamic toolbar in a tutorial system

DATE-ISSUED: July 4, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bertrand; Benoit Patrick	Brossard			CA
Nichols; Mark Stewart	Downers Grove	IL		

US-CL-CURRENT: 706/45; 345/708, 706/47

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

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☐ 17. Document ID: US 6073127 A

L4: Entry 17 of 33 File: USPT Jun 6, 2000

US-PAT-NO: 6073127
DOCUMENT-IDENTIFIER: US 6073127 A

TITLE: System, method and article of manufacture for a goal based system with dynamic feedback information

DATE-ISSUED: June 6, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lannert; Eric Jeffrey	Chicago	IL		
Ciancaglini; Joseph Michael	Greenfield	WI		
Burgess; Olivia Ruth	London			GB

US-CL-CURRENT: 706/45; 706/47

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

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☐ 18. Document ID: US 6067538 A

L4: Entry 18 of 33 File: USPT May 23, 2000

US-PAT-NO: 6067538
DOCUMENT-IDENTIFIER: US 6067538 A

TITLE: System, method and article of manufacture for a simulation enabled focused feedback tutorial system

DATE-ISSUED: May 23, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY

Zorba; Alexander	Middletown	CT
O'Connor; Martha Torrey	Verona	NJ
Rosenfeld; Eren Tolga	New York	NY

US-CL-CURRENT: 706/47; 434/118, 705/40, 706/46

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC

☐ 19. Document ID: US 6067537 A

L4: Entry 19 of 33 File: USPT May 23, 2000

US-PAT-NO: 6067537
DOCUMENT-IDENTIFIER: US 6067537 A

TITLE: System, method and article of manufacture for a goal based educational system with support for dynamic personality feedback

DATE-ISSUED: May 23, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
O'Connor; Martha Torrey	Verona	NJ		
Rosenfeld; Eren Tolga	New York	NY		
Zorba; Alexander	Middletown	CT		

US-CL-CURRENT: 706/47; 434/118, 705/40, 706/11

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC

☐ 20. Document ID: US 6064998 A

L4: Entry 20 of 33 File: USPT May 16, 2000

US-PAT-NO: 6064998
DOCUMENT-IDENTIFIER: US 6064998 A

TITLE: System, method and article of manufacture for a simulation engine with an expert system example processing engine

DATE-ISSUED: May 16, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zabloudil; Maureen Therese	Chicago	IL		
Wills; Kerry Russell	Manchester	CT		

US-CL-CURRENT: 706/45; 434/307R, 434/322, 706/46, 706/47, 706/60, 706/925

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 21. Document ID: US 6032141 A

L4: Entry 21 of 33 File: USPT Feb 29, 2000

US-PAT-NO: 6032141
DOCUMENT-IDENTIFIER: US 6032141 A

TITLE: System, method and article of manufacture for a goal based educational system with support for dynamic tailored feedback

DATE-ISSUED: February 29, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
O'Connor; Martha Torrey	Verona	NJ		
Rosenfeld; Eren Tolga	New York	NY		

US-CL-CURRENT: 706/45; 434/107, 434/350, 706/11, 706/925, 706/927

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 22. Document ID: US 6029159 A

L4: Entry 22 of 33 File: USPT Feb 22, 2000

US-PAT-NO: 6029159
DOCUMENT-IDENTIFIER: US 6029159 A

TITLE: System, method and article of manufacture for a simulation enabled accounting tutorial system

DATE-ISSUED: February 22, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zorba; Alexander	Middletown	CT		
Rosenfeld; Eren Tolga	New York	NY		
Bertrand; Benoit Patrick	Brossard			CA
Lannert; Eric Jeffrey	Chicago	IL		
Wills; Kerry Russell	Manchester	CT		

US-CL-CURRENT: 706/47; 434/118, 705/40, 706/46

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 23. Document ID: US 6029158 A

L4: Entry 23 of 33 File: USPT Feb 22, 2000

US-PAT-NO: 6029158
DOCUMENT-IDENTIFIER: US 6029158 A

TITLE: System, method and article of manufacture for a simulation enabled feedback system

DATE-ISSUED: February 22, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bertrand; Benoit Patrick	Brossard			CA
Zorba; Alexander	Middletown	CT		
Conant; Jonathan Christian	Worcester	MA		

US-CL-CURRENT: 706/45; 706/47

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw De

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☐ 24. Document ID: US 6026386 A

L4: Entry 24 of 33 File: USPT Feb 15, 2000

US-PAT-NO: 6026386
DOCUMENT-IDENTIFIER: US 6026386 A

TITLE: System, method and article of manufacture for a goal based educational system with support for dynamic media control

DATE-ISSUED: February 15, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lannert; Eric Jeffrey	Chicago	IL		
Poon; Alexander Han Leung	Wolcott	CT		
Haff; Lauren E.	Paoli	PA		
Smith; John Kenneth	Middleton	WI		

US-CL-CURRENT: 706/45; 706/11, 706/47

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWMC | Draw De

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☐ 25. Document ID: US 6018732 A

L4: Entry 25 of 33 File: USPT Jan 25, 2000

US-PAT-NO: 6018732
DOCUMENT-IDENTIFIER: US 6018732 A

TITLE: System, method and article of manufacture for a runtime program regression analysis tool for a simulation engine

DATE-ISSUED: January 25, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bertrand; Benoit Patrick	Brossard			CA
Wills; Kerry Russell	Manchester	CT		

US-CL-CURRENT: 706/60; 434/307R, 434/322, 706/46, 706/47, 706/925

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 26. Document ID: US 6018731 A

L4: Entry 26 of 33 File: USPT Jan 25, 2000

US-PAT-NO: 6018731
DOCUMENT-IDENTIFIER: US 6018731 A

TITLE: System, method and article of manufacture for a goal based system utilizing a spreadsheet and table based architecture

DATE-ISSUED: January 25, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bertrand; Benoit Patrick	Brossard			CA
Poon; Alexander Han Leung	Wolcott	CT		
Wills; Kerry Russell	Manchester	CT		

US-CL-CURRENT: 706/47; 434/118, 705/40

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 27. Document ID: US 6018730 A

L4: Entry 27 of 33 File: USPT Jan 25, 2000

US-PAT-NO: 6018730
DOCUMENT-IDENTIFIER: US 6018730 A

TITLE: System, method and article of manufacture for a simulation engine with a help website and processing engine

DATE-ISSUED: January 25, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY

Nichols; Mark Stewart	Downers Grove	IL
Gilchrist; James Andrew	Charlestown	MA
Poon; Alexander Han Leung	Wolcott	CT

US-CL-CURRENT: 706/45; 706/47

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

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☐ 28. Document ID: US 6016486 A

L4: Entry 28 of 33 File: USPT Jan 18, 2000

US-PAT-NO: 6016486
DOCUMENT-IDENTIFIER: US 6016486 A

TITLE: System method and article of manufacture for a goal based system utilizing an activity table

DATE-ISSUED: January 18, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nichols; Mark Stewart	Downers Grove	IL		

US-CL-CURRENT: 706/47; 434/118, 705/40

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

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☐ 29. Document ID: US 6003021 A

L4: Entry 29 of 33 File: USPT Dec 14, 1999

US-PAT-NO: 6003021
DOCUMENT-IDENTIFIER: US 6003021 A

TITLE: System, method and article of manufacture for a simulation system for goal based education

DATE-ISSUED: December 14, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zadik; Beth Elyse	Chicago	IL		
Poon; Alexander Han leung	Wolcott	CT		

US-CL-CURRENT: 706/47; 434/118, 705/40, 706/46

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

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☐ 30. Document ID: US 5987443 A

L4: Entry 30 of 33 File: USPT Nov 16, 1999

US-PAT-NO: 5987443
DOCUMENT-IDENTIFIER: US 5987443 A

TITLE: System, method and article of manufacture for a goal based educational system

DATE-ISSUED: November 16, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nichols; Mark Stewart	Downers Grove	IL		
Bertrand; Benoit Patrick	Brossard			CA
Wills; Kerry Russell	Manchester	CT		
Poon; Alexander Han Leung	Wolcott	CT		
Walsh; Michael Joseph	Newington	CT		

US-CL-CURRENT: 706/11; 434/118, 706/45, 706/47, 706/927

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw. De

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☐ 31. Document ID: US 5802253 A

L4: Entry 31 of 33 File: USPT Sep 1, 1998

US-PAT-NO: 5802253
DOCUMENT-IDENTIFIER: US 5802253 A

TITLE: Event-driven rule-based messaging system

DATE-ISSUED: September 1, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gross; Kevin C.	Belmont	MA		
Digate; Charles J.	Boston	MA		
Lee; Eugene H.	Cambridge	MA		

US-CL-CURRENT: 706/47; 706/45, 706/925, 709/206

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw. De

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☐ 32. Document ID: US 5555346 A

L4: Entry 32 of 33 File: USPT Sep 10, 1996

US-PAT-NO: 5555346

DOCUMENT-IDENTIFIER: US 5555346 A

TITLE: Event-driven rule-based messaging system

DATE-ISSUED: September 10, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gross; Kevin C.	Belmont	MA		
Digate; Charles J.	Winchester	MA		
Lee; Eugene H.	Cambridge	MA		

US-CL-CURRENT: 706/45; 706/11, 706/47, 706/60, 706/925

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 33. Document ID: US 5283856 A

L4: Entry 33 of 33 File: USPT Feb 1, 1994

US-PAT-NO: 5283856
DOCUMENT-IDENTIFIER: US 5283856 A

TITLE: Event-driven rule-based messaging system

DATE-ISSUED: February 1, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gross; Kevin C.	Belmont	MA		
Digate; Charles J.	Boston	MA		
Lee; Eugene H.	Cambridge	MA		

US-CL-CURRENT: 706/47; 706/45, 706/925, 709/206

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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Terms	Documents
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Search: L5

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L5	L4 and first and second	33	L5
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Database:
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EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L7

Refine Search | Recall Text | Clear | Interrupt

Search History

DATE: Monday, October 11, 2004 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR			
L7	L6 and applications and generating and association	83	L7
L6	template and rule$2 near engine and task$2 and first and second	218	L6
L5	L4 and first and second	33	L5
L4	L3 and rule$2 adj engine	33	L4
L3	L1 and template and rule$2 and task$2	121	L3
L2	L1 and template and rule$2 and taks$2	0	L2
L1	706/45-47.ccls.	1174	L1

END OF SEARCH HISTORY

Hit List

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Search Results - Record(s) 1 through 50 of 83 returned.

☐ 1. Document ID: US 20040176968 A1

Using default format because multiple data bases are involved.

L7: Entry 1 of 83 File: PGPB Sep 9, 2004

PGPUB-DOCUMENT-NUMBER: 20040176968
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040176968 A1

TITLE: Systems and methods for dynamically configuring business processes

PUBLICATION-DATE: September 9, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Syed, Raza M.	Redmond	WA	US	
Mikhailov, Mikhail	Redmond	WA	US	

US-CL-CURRENT: 705/1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 2. Document ID: US 20040176667 A1

L7: Entry 2 of 83 File: PGPB Sep 9, 2004

PGPUB-DOCUMENT-NUMBER: 20040176667
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040176667 A1

TITLE: Method and system for medical device connectivity

PUBLICATION-DATE: September 9, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mihai, Dan M.	Hanover Park	IL	US	
Martucci, James P.	Libertyville	IL	US	
Letellier, Laura M.	Buffalo Grove	IL	US	
Notestine, Mark	Cary	IL	US	

US-CL-CURRENT: 600/300; 705/2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 3. Document ID: US 20040172302 A1

L7: Entry 3 of 83 File: PGPB Sep 2, 2004

PGPUB-DOCUMENT-NUMBER: 20040172302
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040172302 A1

TITLE: System and method for verifying medical device operational parameters

PUBLICATION-DATE: September 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Martucci, James P.	Libertyville	IL	US	
Letellier, Laura M.	Buffalo Grove	IL	US	
Notestine, Mark	Cary	IL	US	
Wilkes, Gordon J.	Newmarket		CA	

US-CL-CURRENT: 705/2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 4. Document ID: US 20040172301 A1

L7: Entry 4 of 83 File: PGPB Sep 2, 2004

PGPUB-DOCUMENT-NUMBER: 20040172301
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040172301 A1

TITLE: Remote multi-purpose user interface for a healthcare system

PUBLICATION-DATE: September 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mihai, Dan M.	Hanover Park	IL	US	
Martucci, James P.	Libertyville	IL	US	
Letellier, Laura M.	Buffalo Grove	IL	US	

US-CL-CURRENT: 705/2; 345/700

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw-D

☐ 5. Document ID: US 20040172300 A1

L7: Entry 5 of 83 File: PGPB Sep 2, 2004

PGPUB-DOCUMENT-NUMBER: 20040172300
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040172300 A1

TITLE: Method and system for integrating data flows

PUBLICATION-DATE: September 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mihai, Dan M.	Hanover Park	IL	US	
Martucci, James P.	Libertyville	IL	US	
Letellier, Laura M.	Buffalo Grove	IL	US	
Notestine, Mark	Cary	IL	US	

US-CL-CURRENT: 705/2; 705/3

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 6. Document ID: US 20040172222 A1

L7: Entry 6 of 83 File: PGPB Sep 2, 2004

PGPUB-DOCUMENT-NUMBER: 20040172222
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040172222 A1

TITLE: System and method for notification and escalation of medical data

PUBLICATION-DATE: September 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Simpson, Thomas L. C.	Burlington	WI	US	
Letellier, Laura M.	Buffalo Grove	IL	US	
Martucci, James P.	Libertyville	IL	US	
Wilkes, Gordon J.	Newmarket		CA	

US-CL-CURRENT: 702/189

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 7. Document ID: US 20040167804 A1

L7: Entry 7 of 83 File: PGPB Aug 26, 2004

PGPUB-DOCUMENT-NUMBER: 20040167804
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040167804 A1

TITLE: Medical data communication notification and messaging system and method

PUBLICATION-DATE: August 26, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Simpson, Thomas L.C.	Burlington	WI	US	
Letellier, Laura M.	Buffalo Grove	IL	US	
Martucci, James P.	Libertyville	IL	US	
Wilkes, Gordon J.	Newmarket		CA	

US-CL-CURRENT: 705/3

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 8. Document ID: US 20040167465 A1

L7: Entry 8 of 83 File: PGPB Aug 26, 2004

PGPUB-DOCUMENT-NUMBER: 20040167465
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040167465 A1

TITLE: System and method for medical device authentication

PUBLICATION-DATE: August 26, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mihai, Dan M.	Libertyville	IL	US	
Martucci, James P.	Mundelein	IL	US	
Kohler, Kenneth			US	

US-CL-CURRENT: 604/67; 705/3

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 9. Document ID: US 20040143659 A1

L7: Entry 9 of 83 File: PGPB Jul 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040143659
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040143659 A1

TITLE: System and method for a scalable notification server providing

PUBLICATION-DATE: July 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Milliken, Russell C.	Pittsburgh	PA	US	
Subrahmanian, Eswaran	Pittsburgh	PA	US	
Westerberg, Arthur W	Pittsburgh	PA	US	

US-CL-CURRENT: 709/224; 709/226

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 10. Document ID: US 20040133876 A1

L7: Entry 10 of 83 File: PGPB Jul 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040133876
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040133876 A1

TITLE: System and method for the composition, generation, integration and execution of business processes over a network

PUBLICATION-DATE: July 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sproule, Craig	Brisbane		AU	

US-CL-CURRENT: 717/105

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 11. Document ID: US 20040121767 A1

L7: Entry 11 of 83 File: PGPB Jun 24, 2004

PGPUB-DOCUMENT-NUMBER: 20040121767
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040121767 A1

TITLE: Wireless medical data communication system and method

PUBLICATION-DATE: June 24, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Simpson, Thomas L. C.	Burlington	WI	US	
Letellien, Laura M.	Buffalo Grove	IL	US	
Martucci, James P.	Libertyville	IL	US	

US-CL-CURRENT: 455/426.1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 12. Document ID: US 20040117185 A1

L7: Entry 12 of 83 File: PGPB Jun 17, 2004

PGPUB-DOCUMENT-NUMBER: 20040117185
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040117185 A1

TITLE: Methods and apparatus for audio data monitoring and evaluation using speech recognition

PUBLICATION-DATE: June 17, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Scarano, Robert	Monroe	CT	US	
Mark, Lawrence	Trumbull	CT	US	

US-CL-CURRENT: 704/254

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 13. Document ID: US 20040083199 A1

L7: Entry 13 of 83 File: PGPB Apr 29, 2004

PGPUB-DOCUMENT-NUMBER: 20040083199
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040083199 A1

TITLE: Method and architecture for data transformation, normalization, profiling, cleansing and validation

PUBLICATION-DATE: April 29, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Govindugari, Diwakar R.	San Jose	CA	US	
McGoveran, David O.	Boulder Creek	CA	US	

US-CL-CURRENT: 707/1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 14. Document ID: US 20040064351 A1

L7: Entry 14 of 83 File: PGPB Apr 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040064351
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040064351 A1

TITLE: Increased visibility during order management in a network-based supply chain environment

PUBLICATION-DATE: April 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mikurak, Michael G.	Gulfport	FL	US	

US-CL-CURRENT: 705/7

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 15. Document ID: US 20040046787 A1

L7: Entry 15 of 83 File: PGPB Mar 11, 2004

PGPUB-DOCUMENT-NUMBER: 20040046787
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040046787 A1

TITLE: System and method for screen connector design, configuration, and runtime access

PUBLICATION-DATE: March 11, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Henry, Brian L.	Kirkland	WA	US	
Srinivasan, Sowmyanarayanan	Bellevue	WA	US	
Budhiraja, Suresh	Issaquah	WA	US	
Wagener, Stephen O.	Seattle	WA	US	
Uppiano, Karl A.	Ferndale	WA	US	
Wolniakowski, James R.	Bellingham	WA	US	
Edson, Mark E.	Ferndale	WA	US	
Coogan, Jonathan J.	Bellingham	WA	US	
Muehleisen, John R.	Lynnwood	WA	US	
Ruthford, Marcia A.	Redmond	WA	US	

US-CL-CURRENT: 345/744

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 16. Document ID: US 20040015842 A1

L7: Entry 16 of 83 File: PGPB Jan 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040015842
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040015842 A1

TITLE: Symbiotic computer application and system and method for generation and presentation of same

PUBLICATION-DATE: January 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Nanivadekar, Hemant	Bellevue	WA	US	
Constans, J. Michael	Seattle	WA	US	
Daniel, Kingsley	Bellevue	WA	US	
Narayanaswamy, Kalpana	Redmond	WA	US	

US-CL-CURRENT: 717/109; 345/747, 717/105

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 17. Document ID: US 20040010412 A1

L7: Entry 17 of 83 File: PGPB Jan 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040010412
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040010412 A1

TITLE: Method and apparatus for reducing data traffic in a voice XML application distribution system through cache optimization

PUBLICATION-DATE: January 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chiu, Leo	Daly City	CA	US	

US-CL-CURRENT: 704/270.1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 18. Document ID: US 20040006476 A1

L7: Entry 18 of 83 File: PGPB Jan 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040006476
PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040006476 A1

TITLE: Behavioral adaptation engine for discerning behavioral characteristics of callers interacting with an VXML-compliant voice application

PUBLICATION-DATE: January 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chiu, Leo	Dale City	CA	US	

US-CL-CURRENT: 704/270.1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 19. Document ID: US 20040006471 A1

L7: Entry 19 of 83 File: PGPB Jan 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040006471
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040006471 A1

TITLE: Method and apparatus for preprocessing text-to-speech files in a voice XML application distribution system using industry specific, social and regional expression rules

PUBLICATION-DATE: January 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Chiu, Leo	Daly City	CA	US	

US-CL-CURRENT: 704/260

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 20. Document ID: US 20030229884 A1

L7: Entry 20 of 83 File: PGPB Dec 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030229884
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030229884 A1

TITLE: Interaction manager template

PUBLICATION-DATE: December 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47

Carr, Steven R.	San Jose	CA	US
Gentilozzi, Harry V.	Marietta	GA	US
Har, Tudor I.	Santa Clara	CA	US
Muthuswamy, Venkatakrishnan	Cupertino	CA	US

US-CL-CURRENT: 717/101; 718/106

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 21. Document ID: US 20030229529 A1

L7: Entry 21 of 83 File: PGPB Dec 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030229529
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030229529 A1

TITLE: Method for enterprise workforce planning

PUBLICATION-DATE: December 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mui, Yet	San Francisco	CA	US	
Bennett, Mark	Sunnyvale	CA	US	
Martin, John	Highland Ranch	CO	US	
Shukla, Amitabh	Cupertino	CA	US	
Lardin, Patrick	San Jose	CA	US	

US-CL-CURRENT: 705/8

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 22. Document ID: US 20030220901 A1

L7: Entry 22 of 83 File: PGPB Nov 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030220901
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030220901 A1

TITLE: Interaction manager

PUBLICATION-DATE: November 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Carr, Steven R.	San Jose	CA	US	
Gentilozzi, Harry V.	Marietta	GA	US	

Har, Tudor I.	Santa Clara	CA	US
Muthuswamy, Venkatakrishnan	Cupertino	CA	US

US-CL-CURRENT: 707/1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 23. Document ID: US 20030217333 A1

L7: Entry 23 of 83 File: PGPB Nov 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030217333
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030217333 A1

TITLE: System and method for rules-based web scenarios and campaigns

PUBLICATION-DATE: November 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Smith, Greg	Westminister	CO	US	
Olander, Daryl B.	Longmont	CO	US	
Stamm, Tom	Louisville	CO	US	
Bergman, Robert	Denver	CO	US	

US-CL-CURRENT: 715/513

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 24. Document ID: US 20030217332 A1

L7: Entry 24 of 83 File: PGPB Nov 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030217332
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030217332 A1

TITLE: System and method for web-based personalization and ecommerce management

PUBLICATION-DATE: November 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Smith, Greg	Westminister	CO	US	
Olander, Daryl B.	Longmont	CO	US	
Stamm, Tom	Louisville	CO	US	
Bergman, Robert	Denver	CO	US	
Cook, Thomas A.	Boulder	CO	US	

US-CL-CURRENT: 715/513

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 25. Document ID: US 20030208427 A1

L7: Entry 25 of 83 File: PGPB Nov 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030208427
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030208427 A1

TITLE: Automated investment advisory software and method

PUBLICATION-DATE: November 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Peters, Dirk	Miami	FL	US	
Weiss, Eric	Miami	FL	US	

US-CL-CURRENT: 705/36; 705/38

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 26. Document ID: US 20030172367 A1

L7: Entry 26 of 83 File: PGPB Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030172367
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030172367 A1

TITLE: Method of modifying software via a network

PUBLICATION-DATE: September 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kannenberg, Robert	Austin	TX	US	

US-CL-CURRENT: 717/101

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 27. Document ID: US 20030171876 A1

L7: Entry 27 of 83 File: PGPB Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030171876

PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030171876 A1

TITLE: System and method for managing gene expression data

PUBLICATION-DATE: September 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Markowitz, Victor	Albany	CA	US	
Topaloglou, Thodoros	Menlo Park	CA	US	
McLoughlin, Kevin	Oakland	CA	US	
Campbell, John	Gaithersburg	MD	US	
Krylov, Dmitry	Rockville	MD	US	
Chen, I-Min A.	El Cerrito	CA	US	
Kosky, Anthony	Berkeley	CA	US	
Dolginow, Doug	Potomac	MD	US	

US-CL-CURRENT: 702/20

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 28. Document ID: US 20030158760 A1

L7: Entry 28 of 83 File: PGPB Aug 21, 2003

PGPUB-DOCUMENT-NUMBER: 20030158760
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030158760 A1

TITLE: System for modifying software using reusable software components

PUBLICATION-DATE: August 21, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kannenberg, Robert	Austin	TX	US	

US-CL-CURRENT: 705/4; 717/140

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 29. Document ID: US 20030158759 A1

L7: Entry 29 of 83 File: PGPB Aug 21, 2003

PGPUB-DOCUMENT-NUMBER: 20030158759
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030158759 A1

TITLE: Method of modifying software by defining business rules

PUBLICATION-DATE: August 21, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kannenberg, Robert	Austin	TX	US	

US-CL-CURRENT: 705/4

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 30. Document ID: US 20030088489 A1

L7: Entry 30 of 83 File: PGPB May 8, 2003

PGPUB-DOCUMENT-NUMBER: 20030088489
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030088489 A1

TITLE: Automated investment advisory software and method

PUBLICATION-DATE: May 8, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Peters, Dirk	Miami	FL	US	
Weiss, Eric	Miami	FL	US	

US-CL-CURRENT: 705/36

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 31. Document ID: US 20030083861 A1

L7: Entry 31 of 83 File: PGPB May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030083861
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030083861 A1

TITLE: Method and apparatus for parsing text using mutual information

PUBLICATION-DATE: May 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Weise, David N.	Kirkland	WA	US	

US-CL-CURRENT: 704/9

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 32. Document ID: US 20030081744 A1

L7: Entry 32 of 83 File: PGPB May 1, 2003

PGPUB-DOCUMENT-NUMBER: 20030081744
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030081744 A1

TITLE: Interactive voice communications network entertainment

PUBLICATION-DATE: May 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gurfein, Gedaliah	Jerusalem		IL	
Kirschen, Yaakov	Herzeliya Pituach		IL	
Barkan, Jeremy	Jerusalem		IL	
Hendel, Shachar	Jerusalem		IL	

US-CL-CURRENT: 379/93.13

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 33. Document ID: US 20030074279 A1

L7: Entry 33 of 83 File: PGPB Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030074279
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030074279 A1

TITLE: Document exchange framework for automated extensible markup language data in an e-procurement system and method

PUBLICATION-DATE: April 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Viswanath, Sridatta	Santa Clara	CA	US	
Li, Yafeng	San Jose	CA	US	

US-CL-CURRENT: 705/27

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 34. Document ID: US 20030046282 A1

L7: Entry 34 of 83 File: PGPB Mar 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030046282
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030046282 A1

TITLE: Managing reusable software assets

PUBLICATION-DATE: March 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Carlson, Brent A.	Rochester	MN	US	
Gross, Dave H.	Rochester	MN	US	
Graser, Timothy J.	Rochester	MN	US	
Mariner, Debra L.	Oronoco	MN	US	
Palof, John J.	Kenyon	MN	US	
Tamminga, Paul W.	Rochester	MN	US	

US-CL-CURRENT: 707/6; 707/3

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 35. Document ID: US 20030041050 A1

L7: Entry 35 of 83 File: PGPB Feb 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030041050
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030041050 A1

TITLE: System and method for web-based marketing and campaign management

PUBLICATION-DATE: February 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Smith, Greg	Westminister	CO	US	
Olander, Daryl B.	Longmont	CO	US	
Stamm, Tom	Louisville	CO	US	
Bergman, Robert	Denver	CO	US	
Cook, Thomas A.	Boulder	CO	US	

US-CL-CURRENT: 707/1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 36. Document ID: US 20030009339 A1

L7: Entry 36 of 83 File: PGPB Jan 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030009339
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030009339 A1

TITLE: Method and apparatus for improving voice recognition performance in a voice application distribution system

PUBLICATION-DATE: January 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Yuen, Michael S.	San Francisco	CA	US	
Chiu, Leo	Daly City	CA	US	

US-CL-CURRENT: 704/260; 704/200

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 37. Document ID: US 20030009295 A1

L7: Entry 37 of 83 File: PGPB Jan 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030009295
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030009295 A1

TITLE: System and method for retrieving and using gene expression data from multiple sources

PUBLICATION-DATE: January 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Markowitz, Victor	Albany	CA	US	
Topaloglou, Thodoros	Menlo Park	CA	US	
Chen, I-Min Amy	El Cerrito	CA	US	

US-CL-CURRENT: 702/20; 435/6

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 38. Document ID: US 20030004774 A1

L7: Entry 38 of 83 File: PGPB Jan 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030004774
PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030004774 A1

TITLE: Method and system for realizing an avatar in a management operations center implemented in a global ecosystem of interrelated services

PUBLICATION-DATE: January 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Greene, William S.	Fairview	TX	US	
Pierret, Matthew C.	Plano	TX	US	
Coffey, Christine	McKinney	TX	US	

US-CL-CURRENT: 705/8

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 39. Document ID: US 20030004744 A1

L7: Entry 39 of 83 File: PGPB Jan 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030004744
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030004744 A1

TITLE: Method and system for implementing a Global Information Bus in a global ecosystem of interrelated services

PUBLICATION-DATE: January 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Greene, William S.	Fairview	TX	US	
Robertson, James A.	The Woodlands	TX	US	

US-CL-CURRENT: 705/1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 40. Document ID: US 20020198734 A1

L7: Entry 40 of 83 File: PGPB Dec 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020198734
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020198734 A1

TITLE: Method and system for implementing a global ecosystem of interrelated services

PUBLICATION-DATE: December 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Greene, William S.	Fairview	TX	US	
Robertson, James A.	The Woodlands	TX	US	

US-CL-CURRENT: 705/1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 41. Document ID: US 20020188538 A1

L7: Entry 41 of 83 File: PGPB Dec 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020188538
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020188538 A1

TITLE: Method and system for implementing a databus in a global ecosystem of interrelated services

PUBLICATION-DATE: December 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Robertson, James A.	The Woodlands	TX	US	
Greene, William S.	Fairview	TX	US	
Wille, Andrew N.	Cedar Rapids	IA	US	

US-CL-CURRENT: 705/35; 705/7, 705/71

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 42. Document ID: US 20020178026 A1

L7: Entry 42 of 83 File: PGPB Nov 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020178026
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020178026 A1

TITLE: Method and system for implementing a global lookup in a global ecosystem of interrelated services

PUBLICATION-DATE: November 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Robertson, James A.	The Woodlands	TX	US	
Greene, William S.	Fairview	TX	US	
Pierret, Matthew C.	Plano	TX	US	

US-CL-CURRENT: 705/1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

☐ 43. Document ID: US 20020174191 A1

L7: Entry 43 of 83 File: PGPB Nov 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020174191
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020174191 A1

TITLE: Method and system for using mobile code in a global ecosystem of interrelated services

PUBLICATION-DATE: November 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Robertson, James A.	The Woodlands	TX	US	
Greene, William S.	Fairview	TX	US	

US-CL-CURRENT: 709/217; 707/10

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

☐ 44. Document ID: US 20020173984 A1

L7: Entry 44 of 83 File: PGPB Nov 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020173984
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020173984 A1

TITLE: Method and system for implementing improved containers in a global ecosystem of interrelated services

PUBLICATION-DATE: November 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Robertson, James A.	The Woodlands	TX	US	
Greene, William S.	Fairview	TX	US	
Stillwell, Chris	Plano	TX	US	

US-CL-CURRENT: 705/1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

☐ 45. Document ID: US 20020169644 A1

L7: Entry 45 of 83 File: PGPB Nov 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020169644
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020169644 A1

TITLE: Method and system for implementing a management operations center in a global ecosystem of interrelated services

PUBLICATION-DATE: November 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Greene, William S.	Fairview	TX	US	

US-CL-CURRENT: 705/7; 705/9

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 46. Document ID: US 20020165745 A1

L7: Entry 46 of 83 File: PGPB Nov 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020165745
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020165745 A1

TITLE: Method and system for realizing an aggregator in a management operations center implemented in a global ecosystem of interrelated services

PUBLICATION-DATE: November 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Greene, William S.	Fairview	TX	US	
Singh, Sanjiv	Garland	TX	US	

US-CL-CURRENT: 705/7

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 47. Document ID: US 20020165727 A1

L7: Entry 47 of 83 File: PGPB Nov 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020165727
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020165727 A1

TITLE: Method and system for managing partitioned data resources

PUBLICATION-DATE: November 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Greene, William S.	Fairview	TX	US	
Robertson, James A.	The Woodlands	TX	US	

US-CL-CURRENT: 705/1; 707/1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 48. Document ID: US 20020147726 A1

L7: Entry 48 of 83 File: PGPB Oct 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020147726
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020147726 A1

TITLE: Creating, distributing and enforcing relational and business rules at front-end application

PUBLICATION-DATE: October 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Yehia, Ramzi	Coral Springs	FL	US	
Yin, John	Boca Raton	FL	US	
Seguin, Wayne Charles	Lake Worth	FL	US	
Mikulinsky, Oleg	Boca Raton	FL	US	

US-CL-CURRENT: 707/101

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 49. Document ID: US 20020147611 A1

L7: Entry 49 of 83 File: PGPB Oct 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020147611
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020147611 A1

TITLE: Method and system for realizing a rendezvous service in a management operations center implemented in a global ecosystem of interrelated services

PUBLICATION-DATE: October 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Greene, William S.	Fairview	TX	US	
Pierret, Matthew C.	Plano	TX	US	

US-CL-CURRENT: 705/1; 700/90, 707/1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 50. Document ID: US 20020120859 A1

L7: Entry 50 of 83 File: PGPB Aug 29, 2002

PGPUB-DOCUMENT-NUMBER: 20020120859
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020120859 A1

TITLE: Method and apparatus for an improved security system mechanism in a business applications management system platform

PUBLICATION-DATE: August 29, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lipkin, Daniel S.	Belmont	CA	US	
Mehra, Gaurav	Mumbai		IN	

US-CL-CURRENT: 713/200; 705/50

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

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Search Results - Record(s) 51 through 83 of 83 returned.

☐ 51. Document ID: US 20020099649 A1

Using default format because multiple data bases are involved.

L7: Entry 51 of 83 File: PGPB Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020099649
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020099649 A1

TITLE: Identification and management of fraudulent credit/debit card purchases at merchant ecommerce sites

PUBLICATION-DATE: July 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lee, Walter W.	La Mesa	CA	US	
Milana, Joseph P.	San Diego	CA	US	
Wilhelm, Wesley K.	Spokane	WA	US	
Shao, Min	San Diego	CA	US	

US-CL-CURRENT: 705/38

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 52. Document ID: US 20020073236 A1

L7: Entry 52 of 83 File: PGPB Jun 13, 2002

PGPUB-DOCUMENT-NUMBER: 20020073236
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020073236 A1

TITLE: Method and apparatus for managing data exchange among systems in a network

PUBLICATION-DATE: June 13, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Helgeson, Christopher S.	Mountain View	CA	US	
Lipkin, Daniel S.	Belmont	CA	US	
Larson, Robert S..	Redwood City	CA	US	

Panuganti, Srinivas	Sunnyvale	CA	US	

US-CL-CURRENT: 709/246; 709/217

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 53. Document ID: US 20020073080 A1

L7: Entry 53 of 83 File: PGPB Jun 13, 2002

PGPUB-DOCUMENT-NUMBER: 20020073080
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020073080 A1

TITLE: Method and apparatus for an information server

PUBLICATION-DATE: June 13, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lipkin, Daniel S.	Belmont	CA	US	

US-CL-CURRENT: 707/3

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 54. Document ID: US 20020049788 A1

L7: Entry 54 of 83 File: PGPB Apr 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020049788
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020049788 A1

TITLE: Method and apparatus for a web content platform

PUBLICATION-DATE: April 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lipkin, Daniel S.	Belmont	CA	US	
Dufner, Michael L.	Campbell	CA	US	
Szego, Samdor	San Mateo	CA	US	
Larson, Robert S.	Redwood City	CA	US	
Hussey, Michael	Carmel	IN	US	
Widmann, Dharma	Foster City	CA	US	

US-CL-CURRENT: 715/513; 715/500

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 55. Document ID: US 20020049749 A1

L7: Entry 55 of 83 File: PGPB Apr 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020049749
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020049749 A1

TITLE: Method and apparatus for a business applications server management system platform

PUBLICATION-DATE: April 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Helgeson, Chris	Mountain View	CA	US	
Lipkin, Daniel S.	Belmont	CA	US	
Larson, Robert S.	Redwood City	CA	US	
Dufner, Michael L.	Campbell	CA	US	
Mehra, Gaurav	Mumbai	CA	IN	
Jain, Deepak	Fremont		US	

US-CL-CURRENT: 707/3

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 56. Document ID: US 20020049715 A1

L7: Entry 56 of 83 File: PGPB Apr 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020049715
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020049715 A1

TITLE: Approach for generating rules

PUBLICATION-DATE: April 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Serrano-Morales, Carlos A.	Sunnyvale	CA	US	
Mellor, David J.	Burlingame	CA	US	
Werner, Chris G.C.	Tabuadelo	CA	PT	
Marce, Jean-Luc M.	Sunnyvale		US	
Lerman, Marc	Fontenay Sous Bois		FR	

US-CL-CURRENT: 707/1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 57. Document ID: US 20020049603 A1

L7: Entry 57 of 83 File: PGPB Apr 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020049603
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020049603 A1

TITLE: Method and apparatus for a business applications server

PUBLICATION-DATE: April 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Mehra, Gaurav	Mumbai	CA	IN	
Damania, Tejas M.	Mumbai	CA	IN	
Ellinger, Rich	Menlo Park	CA	US	
Jain, Deepak	Fremont		US	
Dufner, Michael L.	Campbell		US	

US-CL-CURRENT: 705/1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 58. Document ID: US 20020032688 A1

L7: Entry 58 of 83 File: PGPB Mar 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020032688
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020032688 A1

TITLE: Approach for re-using business rules

PUBLICATION-DATE: March 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Serrano-Morales, Carlos A.	Sunnyvale	CA	US	
Mellor, David J.	Burlingame	CA	US	
Werner, Chris G.C.	Tabuadelo	CA	PT	
Marce, Jean-Luc	Sunnyvale		US	
Lerman, Marc	Fontenay Sous Bois		FR	

US-CL-CURRENT: 707/104.1; 707/1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 59. Document ID: US 20010018648 A1

L7: Entry 59 of 83 File: PGPB Aug 30, 2001

PGPUB-DOCUMENT-NUMBER: 20010018648
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20010018648 A1

TITLE: Method and system for assembling and utilizing components in component object systems

PUBLICATION-DATE: August 30, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Turner, Stephen J.	Middlesex	TX	GB	
Hogan, Patrick M.	Austin		US	
Gibson, William E.	Surrey		GB	

US-CL-CURRENT: 703/22

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

☐ 60. Document ID: US 6788315 B1

L7: Entry 60 of 83 File: USPT Sep 7, 2004

US-PAT-NO: 6788315
DOCUMENT-IDENTIFIER: US 6788315 B1

TITLE: Platform independent computer network manager

DATE-ISSUED: September 7, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kekic; Miodrag M.	Mountain View	CA		
Lu; Grace N.	Milpitas	CA		
Carlton; Eloise H.	San Carlos	CA		

US-CL-CURRENT: 345/733; 345/736, 345/744, 345/764, 345/835, 709/203, 709/223

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

☐ 61. Document ID: US 6775658 B1

L7: Entry 61 of 83 File: USPT Aug 10, 2004

US-PAT-NO: 6775658

DOCUMENT-IDENTIFIER: US 6775658 B1

TITLE: Notification by business rule trigger control

DATE-ISSUED: August 10, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zothner; Eric R.	Apex	NC		

US-CL-CURRENT: 706/47; 705/28, 705/412, 707/100, 709/202, 709/203

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

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☐ 62. Document ID: US 6751657 B1

L7: Entry 62 of 83 File: USPT Jun 15, 2004

US-PAT-NO: 6751657
DOCUMENT-IDENTIFIER: US 6751657 B1

TITLE: System and method for notification subscription filtering based on user role

DATE-ISSUED: June 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zothner; Eric R.	Apex	NC		

US-CL-CURRENT: 709/220; 709/203, 709/206, 709/207, 709/238, 719/318

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

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☐ 63. Document ID: US 6745170 B2

L7: Entry 63 of 83 File: USPT Jun 1, 2004

US-PAT-NO: 6745170
DOCUMENT-IDENTIFIER: US 6745170 B2

TITLE: Goal based educational system with support for dynamic characteristic tuning

DATE-ISSUED: June 1, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bertrand; Benoit Patrick	Brossard			CA
O'Connor; Martha Torrey	Pennington	NJ		
Rosenfeld; Eren Tolga	New York	NY		

US-CL-CURRENT: 706/45; 434/362

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 64. Document ID: US 6721747 B2

L7: Entry 64 of 83 File: USPT Apr 13, 2004

US-PAT-NO: 6721747
DOCUMENT-IDENTIFIER: US 6721747 B2

TITLE: Method and apparatus for an information server

DATE-ISSUED: April 13, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lipkin; Daniel S.	Belmont	CA		

US-CL-CURRENT: 707/10; 707/100, 707/200, 707/3, 707/8, 709/200, 709/202, 709/217, 709/225, 715/501.1, 715/513, 715/523

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 65. Document ID: US 6671818 B1

L7: Entry 65 of 83 File: USPT Dec 30, 2003

US-PAT-NO: 6671818
DOCUMENT-IDENTIFIER: US 6671818 B1
**** See image for Certificate of Correction ****

TITLE: Problem isolation through translating and filtering events into a standard object format in a network based supply chain

DATE-ISSUED: December 30, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mikurak; Michael G.	Hamilton	NJ		

US-CL-CURRENT: 714/4; 714/43, 714/48

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 66. Document ID: US 6664978 B1

L7: Entry 66 of 83 File: USPT Dec 16, 2003

US-PAT-NO: 6664978

DOCUMENT-IDENTIFIER: US 6664978 B1

TITLE: Client-server computer network management architecture

DATE-ISSUED: December 16, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kekic; Miodrag M.	Mountain View	CA		
Lu; Grace N.	Milpitas	CA		
Carlton; Eloise H.	San Carlos	CA		

US-CL-CURRENT: 345/733; 345/740, 345/771, 345/835, 709/203, 709/223, 709/224

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 67. Document ID: US 6658398 B1

L7: Entry 67 of 83 File: USPT Dec 2, 2003

US-PAT-NO: 6658398
DOCUMENT-IDENTIFIER: US 6658398 B1
**** See image for Certificate of Correction ****

TITLE: Goal based educational system utilizing a remediation object

DATE-ISSUED: December 2, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bertrand; Benoit Patrick	Brossard			CA
Zorba; Alexander	Middletown	CT		
Conant; Jonathan Christian	Worcester	MA		

US-CL-CURRENT: 706/47; 706/45, 706/46

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 68. Document ID: US 6643652 B2

L7: Entry 68 of 83 File: USPT Nov 4, 2003

US-PAT-NO: 6643652
DOCUMENT-IDENTIFIER: US 6643652 B2

TITLE: Method and apparatus for managing data exchange among systems in a network

DATE-ISSUED: November 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Helgeson; Christopher S.	Mountain View	CA		
Lipkin; Daniel S.	Belmont	CA		
Larson; Robert S.	Redwood City	CA		
Panuganti; Srinivas	Sunnyvale	CA		

US-CL-CURRENT: 707/10; 707/104.1, 709/202, 709/203

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 69. Document ID: US 6629081 B1

L7: Entry 69 of 83 File: USPT Sep 30, 2003

US-PAT-NO: 6629081
DOCUMENT-IDENTIFIER: US 6629081 B1
**** See image for Certificate of Correction ****

TITLE: Account settlement and financing in an e-commerce environment

DATE-ISSUED: September 30, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cornelius; Richard D.	Santa Monica	CA		
Stepniczka; Andreas	San Francisco	CA		
Chu; Kevin	Atlanta	GA		

US-CL-CURRENT: 705/30

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 70. Document ID: US 6611822 B1

L7: Entry 70 of 83 File: USPT Aug 26, 2003

US-PAT-NO: 6611822
DOCUMENT-IDENTIFIER: US 6611822 B1
**** See image for Certificate of Correction ****

TITLE: System method and article of manufacture for creating collaborative application sharing

DATE-ISSUED: August 26, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Beams; Brian R.	Gurnee	IL		
Harris; Scott B.	Deerfield	IL		

US-CL-CURRENT: 706/11; 709/205, 719/320

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

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☐ 71. Document ID: US 6606744 B1

L7: Entry 71 of 83 File: USPT Aug 12, 2003

US-PAT-NO: 6606744
DOCUMENT-IDENTIFIER: US 6606744 B1
**** See image for Certificate of Correction ****

TITLE: Providing collaborative installation management in a network-based supply chain environment

DATE-ISSUED: August 12, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mikurak; Michael G.	Hamilton	NJ		

US-CL-CURRENT: 717/174; 705/26, 717/178

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

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☐ 72. Document ID: US 6549893 B1

L7: Entry 72 of 83 File: USPT Apr 15, 2003

US-PAT-NO: 6549893
DOCUMENT-IDENTIFIER: US 6549893 B1

TITLE: System, method and article of manufacture for a goal based system utilizing a time based model

DATE-ISSUED: April 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lannert; Eric Jeffrey	Chicago	IL		
Gobran; Timothy John	Natick	MA		
Smith; Karen Therese	Chicago	IL		
Willow; Michael James	Wheeling	IL		
Conant; Jonathan Christian	Worcester	MA		
Murphy; Scott Michael	Stratford	CT		

US-CL-CURRENT: 706/60; 705/7, 705/9

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

☐ 73. Document ID: US 6542880 B2

L7: Entry 73 of 83 File: USPT Apr 1, 2003

US-PAT-NO: 6542880
DOCUMENT-IDENTIFIER: US 6542880 B2

TITLE: System, method and article of manufacture for a goal based system utilizing a table based architecture

DATE-ISSUED: April 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rosenfeld; Eren Tolga	New York	NY		
Bassey; Ekpedeme Mfon	Chicago	IL		
Zadik; Beth Elyse	Chicago	IL		
O'Connor; Martha Torrey	Verona	NJ		
Poon; Alexander Han Leung	Wolcott	CT		
Lannert; Eric Jeffrey	Chicago	IL		
Solomon; Tracey Andrea	Nepean			CA
Conant; Jonathan Christian	Worcester	MA		
Zorba; Alexander	Middletown	CT		
Puccio; Carl Michael	Elk Grove Village	IL		
Gobran; Timothy John	Natick	MA		
Gilchrist; James Andrew	Charlestown	MA		
Nichols; Mark Stewart	Downers Grove	IL		
Fleisher; Brandon Denning	Littleton	CO		
Friedman; Craig William	Naugatuck	CT		
Lipede; Adebisi Detoro	Boston	MA		
Bailey; Matthew Allen	Palatine	IL		

US-CL-CURRENT: 706/45; 706/47

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw De

☐ 74. Document ID: US 6535861 B1

L7: Entry 74 of 83 File: USPT Mar 18, 2003

US-PAT-NO: 6535861
DOCUMENT-IDENTIFIER: US 6535861 B1

TITLE: Goal based educational system with support for dynamic characteristics tuning using a spread sheet object

DATE-ISSUED: March 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
O'Connor; Martha Torrey	Verona	NJ		
Rosenfeld; Eren Tolga	New York	NY		

US-CL-CURRENT: 706/11; 434/107, 434/322, 434/327, 706/45, 706/46, 706/47, 706/60

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 75. Document ID: US 6493690 B2

L7: Entry 75 of 83 File: USPT Dec 10, 2002

US-PAT-NO: 6493690
DOCUMENT-IDENTIFIER: US 6493690 B2

TITLE: Goal based educational system with personalized coaching

DATE-ISSUED: December 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bertrand; Benoit Patrick	Brossard			CA
Zorba; Alexander	Middletown	CT		
Conant; Jonathan Christian	Worcester	MA		

US-CL-CURRENT: 706/45; 706/25, 706/60

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 76. Document ID: US 6477520 B1

L7: Entry 76 of 83 File: USPT Nov 5, 2002

US-PAT-NO: 6477520
DOCUMENT-IDENTIFIER: US 6477520 B1

TITLE: Adaptive travel purchasing optimization system

DATE-ISSUED: November 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Malaviya; Ashutosh	Eden Prairie	MN		
Malaviya; Paritosh	Eden Prairie	MN		
Saklani; Praful	Chaska	MN		
Saklani; Mukul	Chaska	MN		

US-CL-CURRENT: 706/47; 704/8, 706/25, 706/58

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 77. Document ID: US 6272537 B1

L7: Entry 77 of 83 File: USPT Aug 7, 2001

US-PAT-NO: 6272537
DOCUMENT-IDENTIFIER: US 6272537 B1

TITLE: Method for building element manager for a computer network element using a visual element manager builder process

DATE-ISSUED: August 7, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kekic; Miodrag M.	Mountain View	CA		
Lu; Grace N.	Milpitas	CA		
Carlton; Eloise H.	San Carlos	CA		

US-CL-CURRENT: 709/223; 709/203, 709/219, 719/329

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 78. Document ID: US 6230309 B1

L7: Entry 78 of 83 File: USPT May 8, 2001

US-PAT-NO: 6230309
DOCUMENT-IDENTIFIER: US 6230309 B1

TITLE: Method and system for assembling and utilizing components in component object systems

DATE-ISSUED: May 8, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Turner; Stephen J.	Twickenham			GB
Hogan; Patrick M.	Austin	TX		
Gibson; William E.	Epson			GB

US-CL-CURRENT: 717/107; 717/109

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 79. Document ID: US 5999179 A

L7: Entry 79 of 83 File: USPT Dec 7, 1999

US-PAT-NO: 5999179
DOCUMENT-IDENTIFIER: US 5999179 A

TITLE: Platform independent computer network management client

DATE-ISSUED: December 7, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kekic; Miodrag M.	Mountain View	CA		
Lu; Grace N.	Milpitas	CA		
Carlton; Eloise H.	San Carlos	CA		

US-CL-CURRENT: 345/734; 345/969, 345/970

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

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☐ 80. Document ID: US 5627764 A

L7: Entry 80 of 83 File: USPT May 6, 1997

US-PAT-NO: 5627764
DOCUMENT-IDENTIFIER: US 5627764 A

TITLE: Automatic electronic messaging system with feedback and work flow administration

DATE-ISSUED: May 6, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schutzman; Jeffrey A.	Topsfield	MA		
Lee; Eugene H.	Cambridge	MA		

US-CL-CURRENT: 709/207; 358/402

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

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☐ 81. Document ID: US 5297057 A

L7: Entry 81 of 83 File: USPT Mar 22, 1994

US-PAT-NO: 5297057
DOCUMENT-IDENTIFIER: US 5297057 A

TITLE: Method and apparatus for design and optimization for simulation of motion of mechanical linkages

DATE-ISSUED: March 22, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kramer; Glenn A.	Austin	TX		
Barrow; Harry G.	Brighton			GB2
Turner; Patrick R.	Davisburg	MI		
Bodner; Michael E.	Southfield	MI		
Cooper; Jeffrey G.	Pinckney	MI		

US-CL-CURRENT: 703/7; 345/953

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

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☐ 82. Document ID: US 5253189 A

L7: Entry 82 of 83 File: USPT Oct 12, 1993

US-PAT-NO: 5253189
DOCUMENT-IDENTIFIER: US 5253189 A

TITLE: Qualitative kinematics

DATE-ISSUED: October 12, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kramer; Glenn A.	Austin	TX		

US-CL-CURRENT: 703/7; 700/246, 700/264, 703/6, 706/62, 706/920

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

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☐ 83. Document ID: US 5043929 A

L7: Entry 83 of 83 File: USPT Aug 27, 1991

US-PAT-NO: 5043929
DOCUMENT-IDENTIFIER: US 5043929 A

TITLE: Closed-form kinematics

DATE-ISSUED: August 27, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kramer; Glenn A.	Austin	TX		
Barrow; Harry G.	Brighton			GB2
Agre; Philip E.	San Francisco	CA		

US-CL-CURRENT: 703/1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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1 **Robust two-stage approach for image motion estimation**
Cheng-Yuan Tang; Yi-Ping Hung; Zen Chen;
Electronics Letters , Volume: 34 , Issue: 11 , 28 May 1998
Pages:1091 - 1093

[Abstract] [PDF Full-Text (544 KB)] IEE JNL

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2 **The recognition of human movement using temporal templates**
Bobick, A.F.; Davis, J.W.;
Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume: 23 , Issue: 3 , March 2001
Pages:257 - 267

[Abstract] [PDF Full-Text (872 KB)] IEEE JNL

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3 **The influence of the boundary conditions on the robustness of a CNI**
Mirzai, B.; Moschytz, G.S.;
Circuits and Systems I: Fundamental Theory and Applications, IEEE Transacti on [see also Circuits and Systems I: Regular Papers, IEEE Transactions on] , Volume: 45 , Issue: 4 , April 1998
Pages:511 - 515

[Abstract] [PDF Full-Text (248 KB)] IEEE JNL

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4 **Using hidden Markov model for information extraction based on mul templates**
Yunzhong Liu; Yaping Lin; Zhiping Chen;
Natural Language Processing and Knowledge Engineering, 2003. Proceedings. International Conference on , 26-29 Oct. 2003
Pages:394 - 399

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5 **A hierarchical statistical modeling approach for the unsupervised 3D reconstruction of the scoliotic spine**
Benameur, S.; Mignotte, M.; Parent, S.; Labelle, H.; Skalli, W.; De Guise, J.A.
Image Processing, 2003. Proceedings. 2003 International Conference on , Vol 1 , 14-17 Sept. 2003
Pages:I - 561-4 vol.1

[Abstract] [PDF Full-Text (383 KB)] IEEE CNF

6 **The representation and recognition of human movement using temp templates**
Davis, J.W.; Bobick, A.F.;
Computer Vision and Pattern Recognition, 1997. Proceedings., 1997 IEEE Computer Society Conference on , 17-19 June 1997
Pages:928 - 934

[Abstract] [PDF Full-Text (692 KB)] IEEE CNF

7 **Human face image coding using deformable templates, wavelet decomposition and VQ**
Sakalli, M.; Hong Yan;
TENCON '97. IEEE Region 10 Annual Conference. Speech and Image Technolo for Computing and Telecommunications'., Proceedings of IEEE , Volume: 2 , 2 Dec. 1997
Pages:569 - 572 vol.2

[Abstract] [PDF Full-Text (552 KB)] IEEE CNF

8 **Template-based image retrieval**
Bo Tao; Dickinson, B.;
Image Processing, 1996. Proceedings., International Conference on , Volume: 3 , 16-19 Sept. 1996
Pages:871 - 874 vol.3

[Abstract] [PDF Full-Text (568 KB)] IEEE CNF

9 **Unsupervised speaker adaptation methods for vowel templates**
Sugiyama, M.;
Acoustics, Speech, and Signal Processing, IEEE International Conference on ICASSP '86. , Volume: 11 , Apr 1986
Pages:2639 - 2642

[Abstract] [PDF Full-Text (136 KB)] IEEE CNF

10 **A new structure of large-neighborhood cellular nonlinear network (CNN)**
Chiu-Hung Cheng; Sheng-Hao Chen; Li-Ju Lin; Kuan-Hsun Huang; Chung-Yu
Neural Networks, 2003. Proceedings of the International Joint Conference on , Volume: 2 , 20-24 July 2003
Pages:1497 - 1501 vol.2

[Abstract] [PDF Full-Text (319 KB)] IEEE CNF

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11 **Image search using deformable contours**
Tipwai, P.; Madarasmi, S.;
Image Processing. 2002. Proceedings. 2002 International Conference on , Vol
1 , 22-25 Sept. 2002
Pages:I-437 - I-440 vol.1

[Abstract] [PDF Full-Text (358 KB)] IEEE CNF

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12 **Variable neighborhood search for geometrically deformable templa**
Lalonde, M.; Gagnon, L.;
Pattern Recognition, 2002. Proceedings. 16th International Conference
on , Volume: 2 , 11-15 Aug. 2002
Pages:689 - 692 vol.2

[Abstract] [PDF Full-Text (386 KB)] IEEE CNF

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13 **On-line pen input signature verifier PPI (pen-position/pen-pressure/pen-inclination)**
Komiya, Y.; Matsumoto, T.;
Neural Information Processing, 1999. Proceedings. ICONIP '99. 6th Internatio
Conference on , Volume: 3 , 16-20 Nov. 1999
Pages:1236 - 1240 vol.3

[Abstract] [PDF Full-Text (284 KB)] IEEE CNF

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14 **Toward a universal mapping algorithm for accessing trees in parall memory systems**
Auletta, V.; Das, S.K.; De Vivo, A.; Pinotti, M.C.; Scarano, V.;
Parallel Processing Symposium, 1998. 1998 IPPS/SPDP. Proceedings of the Fi
Merged International...and Symposium on Parallel and Distributed Processing
1998 , 30 March-3 April 1998
Pages:447 - 454

[Abstract] [PDF Full-Text (760 KB)] IEEE CNF

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15 **Interactive acquisition of thematic information of Chinese verbs fo judicial verdict document understanding using templates, syntactic cl and heuristics**
Lin, K.H.C.; Rey-Long Liu; Von-Wun Soo;
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Pages:297 - 300 vol.1

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1 **On the relation of order-statistics filters and template matching: opt morphological pattern recognition**
Schonfeld, D.;
Image Processing, IEEE Transactions on , Volume: 9 , Issue: 5 , May 2000
Pages:945 - 949

[Abstract] [PDF Full-Text (240 KB)] **IEEE JNL**

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2 **Creating a focused application simulator with flexible decision maki capabilities**
Mazziotti, B.W.; Armstrong, F.B.;
Simulation Conference Proceedings, 1994. Winter , 11-14 Dec. 1994
Pages:1296 - 1303

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3 **A multiplier-free fixed-task digital CNN array for video segmentatio system**
Paasio, A.; Paakkulainen, J.; Isoaho, J.;
Circuits and Systems, 2000. Proceedings. ISCAS 2000 Geneva. The 2000 IEE International Symposium on , Volume: 3 , 28-31 May 2000
Pages:710 - 713 vol.3

[Abstract] [PDF Full-Text (308 KB)] **IEEE CNF**

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4 **Straightforward design of robust cellular neural networks for image processing**
Monnin, D.; Meriat, L.; Koneke, A.; Herault, J.;
Cellular Neural Networks and Their Applications, 2000. (CNNA 2000). Proceed of the 2000 6th IEEE International Workshop on , 23-25 May 2000

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[Abstract] [PDF Full-Text (292 KB)] IEEE CNF

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5 **CAISARTS: a tool for real-time scheduling assistance**
Humphrey, M.; Stankovic, J.A.;
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IEEE , 10-12 June 1996
Pages:150 - 159

[Abstract] [PDF Full-Text (1040 KB)] IEEE CNF

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6 **Automating transition from use-cases to class model**
Liu, D.; Subramaniam, K.; Far, B.H.; Eberlein, A.;
Electrical and Computer Engineering, 2003. IEEE CCECE 2003. Canadian Conference on , Volume: 2 , 4-7 May 2003
Pages:831 - 834 vol.2

[Abstract] [PDF Full-Text (349 KB)] IEEE CNF

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7 **Object tracking in clutter and partial occlusion through rule-driven utilization of Snakes**
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[Abstract] [PDF Full-Text (377 KB)] IEEE CNF

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8 **Image segmentation and object recognition by Bayesian grouping**
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[Abstract] [PDF Full-Text (376 KB)] IEEE CNF

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9 **Application of fuzzy, GA and hybrid methods to CNN template learni**
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[Abstract] [PDF Full-Text (368 KB)] IEEE CNF

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Pages:321 - 326

[Abstract] [PDF Full-Text (312 KB)] IEEE CNF

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11 **Considerations in applying clustering techniques to speaker independent word recognition**
Rabiner, L.; Wilpon, J.;
Acoustics, Speech, and Signal Processing, IEEE International Conference on ICASSP '79. , Volume: 4 , Apr 1979
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[Abstract] [PDF Full-Text (94 KB)] **IEEE CNF**

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12 **The software framework SMARTSOFT for implementing sensorimot systems**
Schlegel, C.; Worz, R.;
Intelligent Robots and Systems, 1999. IROS '99. Proceedings. 1999 IEEE/RSJ International Conference on , Volume: 3 , 17-21 Oct. 1999
Pages:1610 - 1616 vol.3

[Abstract] [PDF Full-Text (592 KB)] **IEEE CNF**

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13 **Concept-based speech translation**
Mayfield, L.; Gavalda, M.; Ward, W.; Waibel, A.;
Acoustics, Speech, and Signal Processing, 1995. ICASSP-95., 1995 Internatio Conference on , Volume: 1 , 9-12 May 1995
Pages:97 - 100 vol.1

[Abstract] [PDF Full-Text (312 KB)] **IEEE CNF**

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14 **Recurrent perceptron learning algorithm for completely stable cellu neural networks**
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Cellular Neural Networks and their Applications, 1994. CNNA-94., Proceedings the Third IEEE International Workshop on , 18-21 Dec. 1994
Pages:177 - 182

[Abstract] [PDF Full-Text (284 KB)] **IEEE CNF**

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15 **Representation and the dimensions of shape deformation**
Saud, E.;
Computer Vision, 1990. Proceedings, Third International Conference on , 4-7 I 1990
Pages:684 - 689

[Abstract] [PDF Full-Text (516 KB)] **IEEE CNF**

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3 **A multiplier-free fixed-task digital CNN array for video segmentatio system**
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16 **A real time connected word recognition system**
Ishikawa, Y.; Nakajima, K.;
Pattern Recognition, 1990. Proceedings., 10th International Conference on , Volume: ii , 16-21 June 1990
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[Abstract] [PDF Full-Text (220 KB)] **IEEE CNF**

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17 **Machine vision in the inspection of patterned textile webs**
Li Tao; Witty, P.; King, T.;
Industrial Inspection (Digest No: 1997/041), IEE Colloquium on , 10 Feb. 199
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[Abstract] [PDF Full-Text (392 KB)] **IEE CNF**

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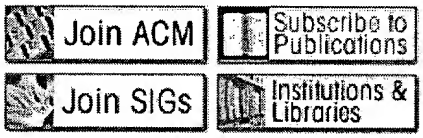

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1 Mapping GUIs to auditory interfaces
Elizabeth D. Mynatt, W. Keith Edwards
December 1992 **Proceedings of the 5th annual ACM symposium on User interface software and technology**
Full text available: pdf(1.25 MB) Additional Information: full citation, abstract, references, citings, index terms

This paper describes work to provide mappings between X-based graphical interfaces and auditory interfaces. In our system, dubbed Mercator, this mapping is transparent to applications. The primary motivation for this work is to provide accessibility to graphical applications for users who are blind or visually impaired. We describe the design of an auditory interface which simulates many of the features of graphical interfaces. We then describe the architecture we have built to model and tr ...

2 System papers: advanced interaction tools: First prototype of conversational H.C. Andersen
Niels Ole Bernsen, Marcela Charfuelàn, Andrea Corradini, Laila Dybkjær, Thomas Hansen, Svend Kiilerich, Mykola Kolodnytsky, Dmytro Kupkin, Manish Mehta
May 2004 **Proceedings of the working conference on Advanced visual interfaces**
Full text available: pdf(213.00 KB) Additional Information: full citation, abstract, references, index terms

This paper describes the implemented first prototype of a domain-oriented, conversational edutainment system which allows users to interact via speech and 2D gesture input with life-like animated fairy-tale author Hans Christian Andersen.

Keywords: domain-oriented spoken conversation, life-like animated agents

3 Access control with IBM Tivoli access manager
Günter Karjoth
May 2003 **ACM Transactions on Information and System Security (TISSEC)**, Volume 6 Issue 2
Full text available: pdf(367.07 KB) Additional Information: full citation, abstract, references, index terms

Web presence has become a key consideration for the majority of companies and other organizations. Besides being an essential information delivery tool, the Web is increasingly being regarded as an extension of the organization itself, directly integrated with its operating processes. As this transformation takes place, security grows in importance. IBM Tivoli Access Manager offers a shared infrastructure for authentication and access

management, technologies that have begun to emerge in the com ...

Keywords: Access control, WWW security, Web servers, authorization management

4 Active rules for XML: A new paradigm for E-services

Angela Bonifati, Stefano Ceri, Stefano Paraboschi

August 2001 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 10 Issue 1

Full text available: pdf(81.58 KB) Additional Information: full citation, abstract, index terms

XML is rapidly becoming one of the most widely adopted technologies for information exchange and representation. As the use of XML becomes more widespread, we foresee the development of active XML rules, i.e., rules explicitly designed for the management of XML information. In particular, we argue that active rules for XML offer a natural paradigm for the rapid development of innovative e-services. In the paper, we show how active rules can be specified in the context of XSLT, a pattern-based la ...

Keywords: Active databases, Document management, Query languages for XML, XML, XSLT

5 The Java syntactic extender (JSE)

Jonthan Bachrach, Keith Playford

October 2001 **ACM SIGPLAN Notices , Proceedings of the 16th ACM SIGPLAN conference on Object oriented programming, systems, languages, and applications**, Volume 36 Issue 11

Full text available: pdf(198.11 KB) Additional Information: full citation, abstract, references, citings, index terms

The ability to extend a language with new syntactic forms is a powerful tool. A sufficiently flexible macro system allows programmers to build from a common base towards a language designed specifically for their problem domain. However, macro facilities that are integrated, capable, and at the same time simple enough to be widely used have been limited to the Lisp family of languages to date. In this paper we introduce a macro facility, called the Java Syntactic Extender (JSE), with the superio ...

6 E-commerce: SweetDeal: representing agent contracts with exceptions using XML rules, ontologies, and process descriptions

Benjamin N. Grosof, Terrence C. Poon

May 2003 **Proceedings of the twelfth international conference on World Wide Web**

Full text available: pdf(481.94 KB) Additional Information: full citation, abstract, references, index terms

SweetDeal is a rule-based approach to representation of business contracts that enables software agents to create, evaluate, negotiate, and execute contracts with substantial automation and modularity. It builds upon the situated courteous logic programs knowledge representation in RuleML, the emerging standard for Semantic Web XML rules. Here, we newly extend the SweetDeal approach by also incorporating process knowledge descriptions whose ontologies are represented in DAML+OIL (emerging standa ...

Keywords: DAML+OIL, OWL, RDF, XML, business process automation, declarative, description logic, electronic commerce, electronic contracts, intelligent software agents, knowledge representation, knowledge-based, logic programs, ontologies, process descriptions, process knowledge, rules, semantic web, semantic web services, web services

7 Applications: A role-based delegation framework for healthcare information systems

Longhua Zhang, Gail-Joon Ahn, Bei-Tseng Chu
June 2002 **Proceedings of the seventh ACM symposium on Access control models and technologies**

Full text available: pdf(538.01 KB) Additional Information: full citation, abstract, references, citings, index terms

As organizations implement information strategies that call for sharing access to resources in the networked environment, mechanisms must be provided to protect the resources from adversaries. The proposed delegation framework addresses the issue of how to advocate selective information sharing in role-based systems while minimizing the risks of unauthorized access. We introduce a systematic approach to specify delegation and revocation policies using a set of rules. We demonstrate the feasibili ...

Keywords: access control, delegation, healthcare information system, revocation, role

8 Modeling dynamic collections of interdependent objects using path-based rules
Diane Litman, Peter F. Patel-Schneider, Anil Mishra
October 1997 **ACM SIGPLAN Notices , Proceedings of the 12th ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications**, Volume 32 Issue 10

Full text available: pdf(2.51 MB) Additional Information: full citation, abstract, references, citings, index terms

Standard object-oriented languages do not provide language support for modeling changing collections of interdependent objects. We propose that R++, an integration of the rule and object-oriented paradigms, provides a mechanism for easily implementing such models. R++ extends C++ by adding a new programming construct called the *path-based* rule. Such data-driven rules are restricted to follow pointers between objects, and are like "automatic methods" that are triggered by changes to monito ...

9 Enhanced abstract data types in object-relational databases
Praveen Seshadri
August 1998 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 7 Issue 3

Full text available: pdf(119.21 KB) Additional Information: full citation, abstract, index terms

The explosion in complex multimedia content makes it crucial for database systems to support such data efficiently. This paper argues that the "blackbox" ADTs used in current object-relational systems inhibit their performance, thereby limiting their use in emerging applications. Instead, the next generation of object-relational database systems should be based on enhanced abstract data type (E-ADT) technology. An (E-ADT) can expose the *semantics* of its methods to the database ...

Keywords: Database types, Extensibility, Object-relational database, Query optimization

10 A rule-based framework for role-based delegation and revocation
Longhua Zhang, Gail-Joon Ahn, Bei-Tseng Chu
August 2003 **ACM Transactions on Information and System Security (TISSEC)**, Volume 6 Issue 3

Full text available: pdf(1.05 MB) Additional Information: full citation, abstract, references, citings, index terms

Delegation is the process whereby an active entity in a distributed environment authorizes another entity to access resources. In today's distributed systems, a user often needs to act on another user's behalf with some subset of his/her rights. Most systems have attempted to resolve such delegation requirements with ad-hoc mechanisms by compromising existing

disorganized policies or simply attaching additional components to their applications. Still, there is a strong need in the large, distrib ...

Keywords: Role, access control, delegation, revocation, rule-based

11 Fast detection of communication patterns in distributed executions

Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**

Full text available: pdf(4.21 MB) Additional Information: full citation, abstract, references, index terms

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

12 An efficient boosting algorithm for combining preferences

Yoav Freund, Raj Iyer, Robert E. Schapire, Yoram Singer

December 2003 **The Journal of Machine Learning Research**, Volume 4

Full text available: pdf(392.20 KB) Additional Information: full citation, abstract, index terms

We study the problem of learning to accurately rank a set of objects by combining a given collection of ranking or preference functions. This problem of combining preferences arises in several applications, such as that of combining the results of different search engines, or the "collaborative-filtering" problem of ranking movies for a user based on the movie rankings provided by other users. In this work, we begin by presenting a formal framework for this general problem. We then describe and ...

13 Face recognition: A literature survey

W. Zhao, R. Chellappa, P. J. Phillips, A. Rosenfeld

December 2003 **ACM Computing Surveys (CSUR)**, Volume 35 Issue 4

Full text available: pdf(4.28 MB) Additional Information: full citation, abstract, references, index terms

As one of the most successful applications of image analysis and understanding, face recognition has recently received significant attention, especially during the past several years. At least two reasons account for this trend: the first is the wide range of commercial and law enforcement applications, and the second is the availability of feasible technologies after 30 years of research. Even though current machine recognition systems have reached a certain level of maturity, their success is ...

Keywords: Face recognition, person identification

14 Bottom-up relational learning of pattern matching rules for information extraction

Mary Elaine Califf, Raymond J. Mooney

December 2003 **The Journal of Machine Learning Research**, Volume 4

Full text available: pdf(175.06 KB) Additional Information: full citation, abstract, citings, index terms

Information extraction is a form of shallow text processing that locates a specified set of relevant items in a natural-language document. Systems for this task require significant domain-specific knowledge and are time-consuming and difficult to build by hand, making them a good application for machine learning. We present an algorithm, RAPIER, that uses pairs of sample documents and filled templates to induce pattern-match rules that directly

extract fillers for the slots in the template. RAPI ...

15 Web-based specification and integration of legacy services

Ying Zou, Kostas Kontogiannis

November 2000 **Proceedings of the 2000 conference of the Centre for Advanced Studies on Collaborative research**

Full text available: pdf(279.28 KB) Additional Information: full citation, abstract, references, index terms

With the explosive growth of the Internet, businesses of all sizes aim on applying networkwide solutions to their IT infrastructures, migrating their legacy business processes into web-based environments, and establishing their own on-line services. To facilitate process and service integration, a complete and information rich service description language, is essential for server processes to be specified and for client processes to be able to locate services that are available in Web-enabled re ...

16 System-level power optimization: techniques and tools

Luca Benini, Giovanni de Micheli

April 2000 **ACM Transactions on Design Automation of Electronic Systems (TODAES)**, Volume 5 Issue 2

Full text available: pdf(385.22 KB) Additional Information: full citation, abstract, references, citings, index terms

This tutorial surveys design methods for energy-efficient system-level design. We consider electronic sytems consisting of a hardware platform and software layers. We consider the three major constituents of hardware that consume energy, namely computation, communication, and storage units, and we review methods of reducing their energy consumption. We also study models for analyzing the energy cost of software, and methods for energy-efficient software design and compilation. This survery ...

17 Ada task taxonomy support for concurrent programming

Robert Chi Tau Lai

January 1991 **ACM SIGSOFT Software Engineering Notes**, Volume 16 Issue 1

Full text available: pdf(1.47 MB) Additional Information: full citation, abstract, citings, index terms

The Ada task taxonomy can be used as the main scheme to help programmers to develop concurrent programs. The conventional way of defining a taxonomy for software modules is not based on the interactive behavior of the modules. The behavior of Ada tasks is more dynamic than that of other Ada modules such as procedures, functions and packages. By classifying sets of tasks by their interactive characteristics, functions, and procedural behaviors, a task taxonomy can be formulated. Task taxonomy can ...

18 Why are some diagrams easier to work with? Effects of diagrammatic representation on the cognitive intergration process of systems analysis and design

Jungpil Hahn, Jinwoo Kim

September 1999 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Volume 6 Issue 3

Full text available: pdf(677.90 KB) Additional Information: full citation, abstract, references, citings, index terms

Various diagrams have been used heavily in systems analysis and design without proper verification of their usability. However, different diagrammatic representations of the same information may vary in the computational efficiency of working with these diagrams. The objective of this research was to explore the effects of diagrammatic representations on the task of integrating multiple diagrams. The domain of systems analysis and design was used to generate examples and test the theory. A ...

Keywords: GOMS, diagrammatic manipulation, diagrammatic representation, visual

grammar

19 Object-oriented development of integrated programming environments with ASDL
Bernd Krämer, Heinz-Wilhelm Schmidt
January 1988 **Proceedings of the 1988 ACM SIGSMALL/PC symposium on ACTES**

Full text available: pdf(1.37 MB) Additional Information: full citation, abstract, references, index terms

ASDL is a metalanguage for specifying integrated programming environments as specializations and extensions of a language independent environment kernel. The language combines syntax-directed translation schemes with an object-oriented 'type system. The type system supports data abstraction and multiple inheritance, thus encouraging extensibility, combination and reusability. Translation schemes are identified with generic manipulation operations associated with object types that allow the ...

20 Multiple-query optimization
Timos K. Sellis
March 1988 **ACM Transactions on Database Systems (TODS)**, Volume 13 Issue 1

Full text available: pdf(2.19 MB) Additional Information: full citation, abstract, references, citings, index terms, review

Some recently proposed extensions to relational database systems, as well as to deductive database systems, require support for multiple-query processing. For example, in a database system enhanced with inference capabilities, a simple query involving a rule with multiple definitions may expand to more than one actual query that has to be run over the database. It is an interesting problem then to come up with algorithms that process these queries together instead of one query at a time. Th ...

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21 An intelligent analyzer and understander of English
Yorick Wilks
May 1975 **Communications of the ACM**, Volume 18 Issue 5
Full text available: pdf(1.25 MB) Additional Information: full citation, abstract, references, citings, index terms

The paper describes a working analysis and generation program for natural language, which handles paragraph length input. Its core is a system of preferential choice between deep semantic patterns, based on what we call "semantic density." The system is contrasted: with syntax oriented linguistic approaches, and with theorem proving approaches to the understanding problem.

Keywords: artificial intelligence, computational linguistics, machine translation, natural language processing, paraplate, semantic density, semantic preference, stereotype, template, understanding

22 Analysis of navigation behaviour in web sites integrating multiple information systems
Bettina Berendt, Myra Spiliopoulou
March 2000 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 9 Issue 1
Full text available: pdf(281.14 KB) Additional Information: full citation, abstract, index terms

The analysis of web usage has mostly focused on sites composed of conventional static pages. However, huge amounts of information available in the web come from databases or other data collections and are presented to the users in the form of dynamically generated pages. The query interfaces of such sites allow the specification of many search criteria. Their generated results support navigation to pages of results combining cross-linked data from many sources. For the analysis of visitor naviga ...

Keywords: Conceptual hierarchies, Data mining, Query capabilities, Web databases, Web query interfaces, Web usage mining

23 Spoken dialogue technology: enabling the conversational user interface
March 2002 **ACM Computing Surveys (CSUR)**, Volume 34 Issue 1
Full text available: pdf(987.69 KB) Additional Information: full citation, abstract, references, citings, index terms, review

Spoken dialogue systems allow users to interact with computer-based applications such as databases and expert systems by using natural spoken language. The origins of spoken dialogue systems can be traced back to Artificial Intelligence research in the 1950s concerned with developing conversational interfaces. However, it is only within the last decade or so, with major advances in speech technology, that large-scale working systems have been developed and, in some cases, introduced into commerc ...

Keywords: Dialogue management, human computer interaction, language generation, language understanding, speech recognition, speech synthesis

24 A software engineering perspective on algorithmics

Karsten Weihe

March 2001 **ACM Computing Surveys (CSUR)**, Volume 33 Issue 1

Full text available: pdf(1.62 MB) Additional Information: full citation, abstract, references, index terms, review

An algorithm component is an implementation of an algorithm which is not intended to be a stand-alone module, but to perform a specific task within a large software package or even within several distinct software packages. Therefore, the design of algorithm components must also incorporate software-engineering aspects. A key design goal is adaptability. This goal is important for maintenance throughout a project, prototypical development, and reuse in new, unforseen contex ...

Keywords: algorithm engineering

25 Model-based recognition in robot vision

Roland T. Chin, Charles R. Dyer

March 1986 **ACM Computing Surveys (CSUR)**, Volume 18 Issue 1

Full text available: pdf(4.94 MB) Additional Information: full citation, abstract, references, citings, index terms, review

This paper presents a comparative study and survey of model-based object-recognition algorithms for robot vision. The goal of these algorithms is to recognize the identity, position, and orientation of randomly oriented industrial parts. In one form this is commonly referred to as the "bin-picking" problem, in which the parts to be recognized are presented in a jumbled bin. The paper is organized according to 2-D, 2½-D, and 3-D object representations, which are used as the basis for ...

26 Document Formatting Systems: Survey, Concepts, and Issues

Richard Furuta, Jeffrey Scofield, Alan Shaw

September 1982 **ACM Computing Surveys (CSUR)**, Volume 14 Issue 3

Full text available: pdf(5.36 MB) Additional Information: full citation, references, citings, index terms

27 Gross motion planning—a survey

Yong K. Hwang, Narendra Ahuja

September 1992 **ACM Computing Surveys (CSUR)**, Volume 24 Issue 3

Full text available: pdf(6.40 MB) Additional Information: full citation, abstract, references, citings, index terms, review

Motion planning is one of the most important areas of robotics research. The complexity of the motion-planning problem has hindered the development of practical algorithms. This paper surveys the work on gross-motion planning, including motion planners for point

robots, rigid robots, and manipulators in stationary, time-varying, constrained, and movable-object environments. The general issues in motion planning are explained. Recent approaches and their performances are briefly described, a ...

Keywords: collision detection, computational geometry, implementation, motion planning, obstacle avoidance, path planning, spatial representation

28 Computational strategies for object recognition

Paul Suetens, Pascal Fua, Andrew J. Hanson
March 1992 **ACM Computing Surveys (CSUR)**, Volume 24 Issue 1

Full text available: pdf(6.37 MB) Additional Information: full citation, abstract, references, citings, index terms, review

This article reviews the available methods for automated identification of objects in digital images. The techniques are classified into groups according to the nature of the computational strategy used. Four classes are proposed: (1) the simplest strategies, which work on data appropriate for feature vector classification, (2) methods that match models to symbolic data structures for situations involving reliable data and complex models, (3) approaches that fit models to the photometry and ...

Keywords: image understanding, model-based vision, object recognition

29 Evaluating message understanding systems: an analysis of the third message understanding conference (MUC-3)

Nancy Chinchor, David D. Lewis, Lynette Hirschman
September 1993 **Computational Linguistics**, Volume 19 Issue 3

Full text available: pdf(3.00 MB) Publisher Site Additional Information: full citation, abstract, references, citings

This paper describes and analyzes the results of the Third Message Understanding Conference (MUC-3). It reviews the purpose, history, and methodology of the conference, summarizes the participating systems, discusses issues of measuring system effectiveness, describes the linguistic phenomena tests, and provides a critical look at the evaluation in terms of the lessons learned. One of the common problems with evaluations is that the statistical significance of the results is unknown. In the disc ...

30 The design of the E programming language

Joel E. Richardson, Michael J. Carey, Daniel T. Schuh
July 1993 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 15 Issue 3

Full text available: pdf(2.78 MB) Additional Information: full citation, references, citings, index terms, review

Keywords: extensible database systems, persistent object management

31 A maximum entropy approach to natural language processing

Adam L. Berger, Vincent J. Della Pietra, Stephen A. Della Pietra
March 1996 **Computational Linguistics**, Volume 22 Issue 1

Full text available: pdf(1.87 MB) Publisher Site Additional Information: full citation, abstract, references, citings

The concept of maximum entropy can be traced back along multiple threads to Biblical

times. Only recently, however, have computers become powerful enough to permit the widescale application of this concept to real world problems in statistical estimation and pattern recognition. In this paper, we describe a method for statistical modeling based on maximum entropy. We present a maximum-likelihood approach for automatically constructing maximum entropy models and describe how to implement this app ...

32 TASK forces: Distributed software for solving problems of substantial size
Anita K. Jones, Karsten Schwans
September 1979 **Proceedings of the 4th international conference on Software engineering**

Full text available: pdf(1.12 MB) Additional Information: full citation, abstract, references, citings, index terms

TASK is a 'high level' specification language for defining software that executes on distributed computers. Software is in the form of task forces—collections of communicating parallel processes that cooperate to achieve a common goal. Using the TASK language, a programmer specifies the interrelated components of his task force: modules exporting functions which are potentially executed in parallel, multiple data and code objects, and processes. The user may adapt the ...

33 Predictive engineering models based on the EPIC architecture for a multimodal high-performance human-computer interaction task
David E. Kieras, Scott D. Wood, David E. Meyer
September 1997 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Volume 4 Issue 3

Full text available: pdf(368.70 KB) Additional Information: full citation, abstract, references, citings, index terms

Engineering models of human performance permit some aspects of usability of interface designs to be predicted from an analysis of the task, and thus they can replace to some extent expensive user-testing data. We successfully predicted human performance in telephone operator tasks with engineering models constructed in the EPIC (Executive Process-Interactive Control) architecture for human information processing, which is especially suited ...

Keywords: cognitive models, usability engineering

34 Eliciting software process models with the E3 language
Maria Letizia Jaccheri, Gian Pietro Picco, Patricia Lago
October 1998 **ACM Transactions on Software Engineering and Methodology (TOSEM)**, Volume 7 Issue 4

Full text available: pdf(1.48 MB) Additional Information: full citation, abstract, references, citings, index terms

Software processes are complex entities that demand careful understand ing and improvement as they determine the quality of the resulting product. A necessary step toward the improvement of an organization's process is a clear description of the entities involved and of their mutual relationships. Process model elicitation aims at constructing this description under the shape of a software process model. The model is constructed by gathering, from several sources, process ...

Keywords: associations, process model elicitation, software process modeling

35 Declarative specification of Web sites with S
Mary Fernández, Daniela Florescu, Alon Levy, Dan Suciu

March 2000 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 9 Issue 1

Full text available: pdf(188.65 KB) Additional Information: full citation, abstract, citings, index terms

S is a system for implementing *data-intensive* Web sites, which typically integrate information from multiple data sources and have complex structure. S's key idea is separating the management of a Web site's data, the specification of its content and structure, and the visual representation of its pages. S provides a declarative *query language* for specifying a site's content and structure, and a simple *template language* for specifying a site's HTML representation. This paper ...

Keywords: Declarative query languages, Web-site management

36 A survey of image registration techniques

Lisa Gottesfeld Brown

December 1992 **ACM Computing Surveys (CSUR)**, Volume 24 Issue 4

Full text available: pdf(5.20 MB) Additional Information: full citation, abstract, references, citings, index terms, review

Registration is a fundamental task in image processing used to match two or more pictures taken, for example, at different times, from different sensors, or from different viewpoints. Virtually all large systems which evaluate images require the registration of images, or a closely related operation, as an intermediate step. Specific examples of systems where image registration is a significant component include matching a target with a real-time image of a scene for target recognition, mon ...

Keywords: image registration, image warping, rectification, template matching

37 TSL: task sequencing language

David Helmbold, David Luckham

May 1985 **ACM SIGAda Ada Letters , Proceedings of the 1985 annual ACM SIGAda international conference on Ada**, Volume V Issue 2

Full text available: pdf(1.39 MB) Additional Information: full citation, abstract, references, citings, index terms

TSL is a language for specifying sequences of tasking events in Ada[1] programs. TSL specifications are submitted with an Ada program and are monitored at runtime for consistency with the actual tasking events as they occur. This paper presents a preliminary design for TSL, an informal overview of its capabilities, and an operational semantics.

38 The AppLeS parameter sweep template: user-level middleware for the grid

Henri Casanova, Graziano Obertelli, Francine Berman, Rich Wolski

November 2000 **Proceedings of the 2000 ACM/IEEE conference on Supercomputing (CDROM)**

Full text available: pdf(256.33 KB) Publisher Site Additional Information: full citation, abstract, references, citings, index terms

The Computational Grid is a promising platform for the efficient execution of parameter sweep applications over large parameter spaces. To achieve performance on the Grid, such applications must be scheduled so that shared data files are strategically placed to maximize re-use, and so that the application execution can adapt to the deliverable performance potential of target heterogeneous, distributed and shared resources. Parameter sweep applications are an important class of applications ...

Keywords: Application Level Scheduling,Adaptive Runtime Scheduling,Computational

Grid,Grid Middleware,Parameter Sweeps Applications,Scheduling Heuristics,Distributed Storage.

39 Special issue on natural language generation: Generating natural language summaries from multiple on-line sources

Dragomir R. Radev, Kathleen R. McKeown

September 1998 **Computational Linguistics**, Volume 24 Issue 3

Full text available: pdf(2.36 MB) Additional Information: full citation, abstract, references, citings

Publisher Site

We present a methodology for summarization of news about current events in the form of briefings that include appropriate background (historical) information. The system that we developed, SUMMONS, uses the output of systems developed for the DARPA Message Understanding Conferences to generate summaries of multiple documents on the same or related events, presenting similarities and differences, contradictions, and generalizations among sources of information. We describe the various components ...

40 Special issue on using large corpora: I: Retrieving collocations from text: Xtract

Frank Smadja

March 1993 **Computational Linguistics**, Volume 19 Issue 1

Full text available: pdf(2.41 MB) Additional Information: full citation, abstract, references, citings

Publisher Site

Natural languages are full of collocations, recurrent combinations of words that co-occur more often than expected by chance and that correspond to arbitrary word usages. Recent work in lexicography indicates that collocations are pervasive in English; apparently, they are common in all types of writing, including both technical and nontechnical genres. Several approaches have been proposed to retrieve various types of collocations from the analysis of large samples of textual data. These techni ...

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